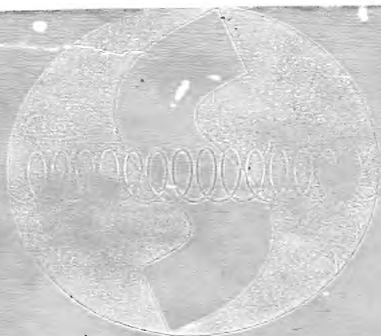


8120

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8255



NOTE BOOK

682

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Arthur Cronquist

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\$5.<sup>00</sup> Reward

U. 564

8120 - April 18, 1959

Open, gravelly, felsitic  
southwest slope, with  
sagebrush and Atriplex,  
in first foothills 8 miles  
southwest of Marsing,  
Owyhee Co., Idaho.

Winter annual;  
petals inconspicuous,  
dull pale purplish, with  
whitish margins, folded  
along the midrib. What  
appear to be last year's  
plants are up to 1.5 m. tall  
with pods 8-15 cm. long  
that have a very short,  
stout stipe up to about  
1 mm. long. ~~Growing~~

*Euphemes latiflorus* (35)

~~with another,~~  
~~apparently related~~  
~~species which is a~~  
~~spring annual, now mostly~~  
~~still in the rosette stage,~~  
~~with glabrous flower-buds,~~  
~~what appear to be last year's~~  
~~plants of this latter species~~  
~~are shorter and more~~  
~~branched, with somewhat~~  
~~shorter pods that totally~~  
~~lack a tip above the calyx.~~

*Caulanthus pilosus* Wats.

*Caulanthus pilosus* (21) ✓

8121 April 19, 1959

Much branched low shrub

1-2 dm tall on open <sup>dry</sup> slopes  
and flats in the ~~first~~ first  
foothills, 8 miles southwest  
of Marsing, Owyhee Co., Idaho.  
Flowers pale yellow.

*Artemisia spinescens* Eat.

*Artemisia spinescens*

(35)

*Artemisia latiflora* (35)

8122 - April 19, 1939

Irregularly scattered  
in dry flats in first  
foothills, 8 miles south-  
west of Marsing, Owyhee  
Co., Idaho.

Petals light yellow,  
turning white in age.

*Ranunculus testiculatus*  
Cronq.

✓  
✓  
*Ranunculus testiculatus* (11)

8123- April 19, 1959  
Thinly and irregularly

scattered among sagebrush,  
on rocky, gravelly, felsitic  
south slope in first foot-  
hills 8 miles southwest  
of Marsing, Owyhee Co.,  
Idaho.

Flowers pink. Calyx glandular,  
the intercostal membranes  
carinate. No other phlox  
seen in the vicinity.

*Phlox aculeata* A. Nels.

*Phlox*

(1)

*supraelevata* (35)

8124 - April 20, 1959

With sagebrush on open  
south slopes 15 miles  
southwest of Marsing,  
Arwyhee Co., Idaho.

Bracts ranging from  
deep pink to <sup>more often</sup> scarlet  
or fiery red, with  
intermediates, the plants  
otherwise looking alike.

*Castilleja chromosa* A. Nels.  
Dupl. det. Marion Cronberg

*Castilleja angustifolia*, passing  
to var. *chromosa* (5)



8125 - April 20, 1959.  
Same place as 8124.  
Dish yellow; rays very  
short, light yellow.

*Erigeron chrysopsidis* Gray  
ssp. *austinae* (Greene) Cronq. ✓

*Erigeron* c. ssp. *austinae* ✓

*Erigeron latiflorus* (35)

8126- April 20, 1959  
Rocky scab in sage-  
brush plains south of  
the Owyhee River, 13 miles  
southeast of Rome, <sup>Twp. 32 S.,</sup>  
Malheur Co., Oregon. <sup>R. 42 or 43 E.</sup>  
Elev. about 4000'.

Upper petals dark purple;  
lower petals paler (sometimes  
even white) with yellow  
base and usually with  
some darker purple lines.  
Details of color and pattern  
vary from plant to plant.

*Viola* ~~beckwithii~~  
*beckwithii* T. & G. ✓

*Viola* *beckwithii* (35)

8127. April 20, 1927

Common on sagebrush  
plains south of the Oregon  
River, 13 miles southeast  
of Reno, Wash. Co.,  
Idaho. Elev. about 4000.  
Flowers yellow.

*Lomatium cune* (Wats.) Coul.  
+ Rose

✓  
(16)

*Lomatium cune* (circumsciss)  
*Lupinus latifolius* (35)

10.1.1959

Shrub - On north facing  
slopes of cliffs, also  
along the upper  
River 3 miles southeast of  
Reno. Washoe Co., Oregon.  
about 3500 ft. alt.

Shrub to 1.5 m. tall, s.l.  
Flowers white to pinkish  
pink and white, the  
buds more consistently  
pinkish. No spines  
on stems, leaves, or

Note glabrous flowers.

*Ribes velutinum* Greene  
var. *gooddingii* (Pech) C. L.  
Hitchc.

*Ribes* aff. *velutinum* 120

8129 - April 21, 1959.  
With scattered sagebrush  
on barren dry, sandy  
slopes and ridges just  
southeast of Crooked Creek,  
near Rome, Malheur Co.,  
Oregon. Elevation about  
3500 - 4000 feet. Flowers  
white. Plants common  
at this site, but mostly  
not yet in flower.  
Twp. 32S., R. 41E., S. 6

*Rhysospermus plurijugus*  
Coulter + Rose

*Rhysospermus* (11)  
*fuscescens* (35)

5130 - April 21, 1959  
With scattered sage  
brush on dry, sandy  
flat ridge. Tops first  
southeast, tracked back,  
near Rose, Malheur Co.,  
Oregon. Elev. about 3500-  
4000. Temp. 32 S. F. 11 S. 11 S.  
Petals white; anthers  
yellow.

*Lloydia serotina* Reiche.

*Lloydia*

1 (35)

8131- April 1917

Sagebrush slopes 2 miles  
southeast of Burns, Harney  
Co., Oregon, near the  
Malheur Co. line, Twp. 20N.  
28E. R. 1E. 20S. P. 10. Elev. 5600'.  
yellow, most commonly 5,  
but sometimes 6, 7, or  
especially 8, these higher  
numbers chiefly on later  
flowers.

*Ranunculus glaberrimus*  
Hook.  
var. *glaberrimus*

*Ranunculus glaberrimus*

*Ranunculus glaberrimus* (34)  
[35]

April 22, 1959

Along riparian willow  
in riparian area, also  
along Indian Creek below  
the bridge southeast of  
Burns, Harney Co., Oregon.  
about 1000 ft. above sea  
level. Twp. 28 S, R. 36 E.  
S. 25 25. Flowers white.

Plants rather scarce  
Young fruits globose or  
with very short, stout,  
apparently simple hairs

*Draba douglasii* Gray  
var. *douglasii*

*Draba*

(5)



6133. April 22 1951

With sagebrush and  
juniper in small gulches  
along dry wash near  
Indian Creek Route, 60  
miles south of  
Greene Canyon Co. Oregon,  
near a line in blue.

Twp. 28 S. R. 36 E. S. 25.

Flowers pink purple; Stamens  
nearly black, without a  
prominent filament. Tubular  
Plants already beginning  
for lack of water. Shrub-like.

*Dodecatheon ~~double~~ conjugens*  
*Greene var. conjugens*

*Dodecatheon* (5)

*Hypericoides* (35)

8134 - April 22, 1929  
11115 - *Phlox arbuscula*  
on dry slopes near Indian  
Creek Butte, 60 miles  
southwest of Burns,  
Harney Co., Oregon, near  
the Alameda Co. line.  
Twp. 28 S., R. 36 E., S. 22.  
Elev. about 5000 ft.  
Flowers purple.

*Phoenicaulis cheiranthoides*  
Nutt.

*Phoenicaulis* (L.)

8135 - April 22, 1919

With *Antennaria* . . . on a  
an ridge-top near Indian  
Creek Butte, . . .  
southeast of Beavers,  
Harney Co., Oregon, near  
the Mathews Co. line

Twp. 28 S, R. 36 E 2  
Elev. about 5000

Upper petals rich dark  
purple; lower petals purer  
or even white, with a  
yellow base and commonly  
with some darker purple  
lines, but variable from plant  
to plant.

*Viola beckwithii* T. & G.

*Viola beckwithii* (6)  
*Supermeris latifolia* (35)

2135 April 22, 1959

Witch-hamelled arbuscula  
on dry, rocky ridge top  
near Indian Rock Butte,  
60 miles southeast of  
Burns, Harney Co., Oregon,  
near the Malheur Co. line.  
Twp. 28 S, R. 36 E, S. 25.  
Elev. about 5000'. Flowers  
pink-lavender to nearly  
white.

*Phlox hoodii* Rich.

*Phlox hoodii* (D)

8137 - April 22, 1959

With grinnip and  
*Artemisia arbuscula* in  
dry rocky soil on ridge top  
near Indian Creek B. H. H.,  
60 miles southeast of  
Burns, Harney Co. Oregon,  
near the Malheur Co. line.  
Twp. 28 S. R. 36 E. S. 20  
Elev. about 5000' Flowers  
yellow.

*Lomatium cune* (Wats.)  
Coulter & Rose

*Lomatium cune* (Wats.)  
Simpson & Rose (35)

6138 April 22, 1959

With *Eriogonum arbuscula*  
and dry rocky ridge. Top  
near Indian Rock Butte,  
60 miles Southeast of  
Browns, Harney Co., Oregon  
near the Malheur Co. line.  
Twp. 28 S., R. 36 E., S. 15.  
Elev. about 5000 ft.  
Leaves somewhat like *Juniperus*

*Lomatium canbyi* Coulter.  
+ Rose

(B) *Lomatium canbyi* ✓

8139 - April 22, 1939

Same place as 8137

Flowers bright lavender

*Sisyrinchium douglasii*  
A. Dietr.

*Sisyrinchium douglasii* (5)  
*Fupenes* 4.4/10.1 (35)

840 April 22, 1959

*Lamium maculatum* 138.

Flowers pale, tinged  
with pale pink - bracts  
and pale yellowish.

*Astragalus salmonis* Jones

det. R. C. Barneby

*Astragalus* (2)



8141 - April 23, 1959. Moderately  
moist, alpine soil area.  
Small intermittent tributary  
to the South Fork of the  
Malheur River, 30 miles  
south of Junction, Harney  
Co., Oregon. Twp. 25 S.,  
R. 36 E., S 15. Elev.  
about 3500'. Flowers  
white to pale pink.

*Hesperochiron*  
*californicus* (Benth.) Wats.

*Hesperochiron calif.* (35)

*Fupinus latifolius* (35)

8142 - April 23, 1959  
Open sandy slopes beneath  
Pinyon & sagebrush in  
a semi-arid country  
bordering the Snake  
Fork of the Colorado River,  
30 miles south of Tontona,  
Harney Co. Oregon. Twp. 25S,  
R. 36E, S. 15. Elev. about  
3500'. Flowers bright pink;  
petals notched on some  
plants, not on others.

*Phlox longifolia*

*Phlox longifolia* - (3)

5' - April 23, 1909

Barren, rocky (rhyolitic)

Spots in sagebrush country  
overlooking the South Fork of  
the Malheur River, 30 miles  
south of Juntura, Harney

So. Oregon. Twp. 25 S., R. 35 E.,

S. 15. Elev. about 3500-4000

ft. Leaves mostly on one  
side, flat or slightly fl.

Channelled on lower surface  
white, the small dark  
anthers hardly reaching the  
broad base of the lobes.  
Plants just beginning to bloom.

$2N = 14$ .

*Allium parvum* K. & L.

~~det.~~ det. Maxon & Cronley

*Fupinus latifolius* (35)

8144 - April 3, 1959

Compact, silty basaltic.

Grows on gentle south-  
west slope in sagebrush

country 22 miles south  
of Ventura, Matheon Co., Oregon.

Twp. 24 S, R 37 E, S. 9. Elev. about  
3500'

Plants mephytic and  
very glandular. Flowers  
off-pink.

*Microsteris gracilis* (Hook.)

Greene

var. *humilior* (Hook.) Cronq.

✓

*Microsteris* (31)

8145 - April 23, 1959

Same place as 8144.

Roots woody-fibrous,  
not tuberous. Sepals and  
inner petals dark blue.

Upper petals whitish  
with blue lines, shallowly  
notched. Lower petals  
bearded, deeply notched.

*Delphinium nuttallianum*

Pritz., sens. lat.

*Delphinium* (35)  
*Superius latifolium* (35)

8146 - April 25 -  
East slope of dry knoll  
in sage brush country,  
about mile west of  
the mouth of the  
Walker River, 17 miles  
west of Pintera on the  
Barnes Burns, Harvey's,  
Green, etc. The ground  
is dry & 20" x 30" deep  
about 3500 feet

Perianth white or bluish  
with pale border;  
anthers dark. Leaves  
and scape flat.  $2N = 14$ .

*Allium tolmiei* Baker & Wats.  
deeph. det. W. H. S. Gentry

4/25

W. H. S. Gentry (3)

8147 - April 27, 1957

Rocky east slope in sagebrush  
country overlooking the  
Missouri River, 2 miles <sup>northwest</sup>

Juniper, Malheur Co.,  
Oregon. Twp. 21S, R. 38E.

Elev. a little over 3000.

Plants sessile or semi-  
spreading hairy, Rays mostly  
13 or about 13.

A distinctive, well marked  
population here, but compare  
nearby 8148 and 8149.

*Balsamorhiza hirsuta* Nutt.

23

*Juniperus* latifolia (35)

Same place as B'47. Differing  
from the associated *B.*  
*hirsuta* in its smaller  
size (notably smaller with  
shorter rays), more  
appressed, non-viscid  
pubescence, serrated  
leaves, less well developed  
cauline bracts, and  
shorter <sup>more appressed</sup> mostly not caudate  
involucral bracts, but much  
of the population showing  
some tendency toward the  
characters of *B. hirsuta*, as  
intergression were occurring  
in one direction only.

At this locality, it is not



all the areal replacement  
patterns, with obvious  
hybrids along the contact  
zone, that can readily  
be seen in the genus.

*Balsamorhiza hookeri* Nutt.  
var. *neglecta* (Sharp) Cronq.

/

*Balsamorhiza hookeri* var. (20)  
*suprema* Ledeb. & Meyer (35)

8149- April 27, 1949

Same place as 8147.

With the presumed parents,  
but not necessarily an  
F<sub>1</sub>. Compare no. 8148.

Putative introgressant;

*Balsamorhiza hookeri* Nutt.

var. *neglecta* (Sharp) Cronq.  
contaminated by

*B. hirsuta* Nutt.

*B. hirsuta* + *B. hookeri* var. (2) ✓

6150 - April 27, 1949  
Same place as 8147. Stems  
clustered and taproot-  
and branching. Leaves  
Flowers pink-purple.  
Pod broadly-ovate in  
cross-section, broadly  
and shallowly sulcate  
on the abaxial side,  
glabrous, 1-celled,  
rather thick-walled.

*Astragalus conjunctus* Wats.

det. R. C. Barneby

*Astragalus*

(9)

*Fupinus latifolius* (35)

8151 April 27, 1959.

Locality: on overlooking  
hillside, 2 miles  
northwest of Junction, Wallowa  
Co., Oregon. Twp. 21 S, R. 38 E.

Elev. about 3500'. Flowers  
white to pinkish, the  
dark anthers not reaching  
the broad, blunt tips of  
the tepals. Leaves canaliculate  
on one side, flat on the  
other.  $2N=14$ .

*Thermopsis parviflora* Kell.  
Sagebrush, J. T. Marion County.

✓

520

*Thermopsis* 8143

(35)

8152 - *Scutellaria* (28.10.19)

Open, rocky south slope,  
ascending the Clallam  
River, 2 miles east of  
Brenton, Whatcom Co.,  
Oregon. Twp 21 S, R 38 E.  
about 3000-3500.

Leaves blue-purple,  
the throat nearly closed  
by the palate.

✓  
*Scutellaria anti-rhynoides*  
Benth.

*Scutellaria* (32)  
*Lupinus latifolius* (35)

8153 - April 28, 1959

Open, rocky slopes and  
meadows in bunchgrass

currently overtopping -

Arthur River,  $1\frac{1}{2}$  miles

east of Junction, Malheur

Co., Oregon, Twp. 25S., R. 38E.

Herb. about 3500'. Petals:

12-20. white to occasional  
pale pink.

*Lewisia rediviva* Pursh

✓

*Lewisia rediviva* (L.) ✓

8154 - April 28, 1957

Rachy ridge top in  
open, grassy country over-  
looking the mountains, about  
1 1/2 miles east of Centuria,  
Maricopa Co., Arizona, Twp 21S, R 38E.  
Elev. about 3500'. Postma-  
ture flowers have dark purple  
corolla and tube, the banner  
appearing paler. Pods  
conspicuously white -  
usually, the leaves more gray.

*Astragalus purshii* Dougl.  
var. *glaberrimus* (Dougl.) Barneby

det. R. C. Barneby

*Astragalus* (4)

*Leptochloa* (35)

April 8 1899  
Same place as 5 & 4.  
Petals white, conspic-  
uously shorter than  
the longest sepals.

*Arenaria franklinii* Dougl.

2

2





8156 - June 28, 1951

Open, rocky south  
slope overlooking the  
Maiden River  $1\frac{1}{2}$  miles  
east of Juntura, Marion  
Co., Oregon, Twp. 21S, R. 38E.  
Elevation about 3500'. Rays  
3-8, white; disk yellow.

*Layia glandulosa* (Hook.) H. & A.

*Layia glandulosa* (35)  
*Lupinus latifolius* (35)

8157 April 28, 1949

Same place as 8156.

Plants scarce. Flowers  
yellow.

*Malacothrix torreyi* Gray

371

*Malacothrix*

3

8158 - April 20 1951

Dry open slopes with  
sagebrush, 1 1/2 miles west  
of Lunkara, Harney Co.,  
Oregon. Twp. 21S. R. 38E., S. 18  
Elev. about 3000 ft. Flowers  
minute, white. Nutlets  
abundant in panicle.  
Stems dissimil.  
lvs.

*Pectocarya setosa* Gray

*Pectocarya setosa* (85)  
*Lupinus latifolius* (35)

8159 April 19

Same place as 8150.  
white, rather small,  
angular, closed, swollen  
toward the base.

*Laelia pterocarya*

(Torr.) Griseb.

*var. pterocarya*

✓

✓

*Laelia* —

(8)

8160 April 29. 1907

*Lamproloma* 3' tall. Leaves  
orange yellow. Two of L.  
5 sepals connate nearly  
to the tip.

*Amsinckia tessellata*  
Gray

*Amsinckia tessellata* (4)  
*Lupinus latifolius* (35)

8161 - April 27, 1959

Rocky (basaltic) clay flats  
with juniper and Artemisia  
trifida on plateau. Top  
of south of Drinkwater  
Pass, 12 miles west of  
Juntura, Harney Co.,  
Oregon. Twp 20S, R. 36E,  
S. 35.  
Elev. about 4400'.

Abundant, but just  
beginning to bloom.

~~Artemisia~~  
*Balsamorhiza hirsuta* ~~Artemisia~~  
Nutt.

*Balsamorhiza hirsuta*

8162 - April 29, 1959.

Dry, open rocky slopes  
much sagebrush, along  
the Malheur River 18 miles  
below Luntana, Malheur  
Co., Or. Elev. about 1500  
ft. Twp 20S, R. 40E., S32  
Flowers ochraceous,  
almost white.

*Eriogonum ovalifolium* Nutt.  
var. *ovalifolium*

*Eriogonum* - all ...  
(4)

*Lupinus latifolius* (35)

6163 - April 30, 1959.  
Large small trees  
in the flats and hills  
along the Malheur River  
2 miles from La Junta,  
Malheur Co., Oregon, Twp. 21S., R. 38E.,  
Elev. about 2900'. Trees <sup>(S. 3.)</sup>  
mostly 15-20 feet tall,  
tending to have an  
inset central trunk.  
Leaves becoming brown under  
the dense pale blue  
fuzz.

*Juniperus occidentalis*  
Nutt.

✓  
*Juniper*

(4)



\$164. June 30, 1949

Shrub 2 m. tall  
along the banks of the  
Malheur River about  
10 miles above the junction,  
Malheur Co., Oregon. Twp. 20S.,  
R. 41E., <sup>S. 33</sup> Sec. about 2500'.  
Bark rather pale and  
smooth, compared to  
other spp. nearby. Stamens  
etc. rather soft material,  
with black scales.

*Salix rigida* Muhl.  
var. *mackenziana* (Hook.)

Cronq.

*Lupinus latifolius* (35)

8165 April 30, 1959

A weed in waste places  
near the highway along  
the Malheur River about  
3 miles above Harper,  
Malheur Co., Oregon. Twp. 20 S.,  
R. 41 E. Elev. about 2500.

Stems here and there  
and the upper plants  
with a slightly sweet smell.  
Flowers white or purple.

*Chorispora tenella* (Pall.)  
DC.

*Chorispora* (18) ✓

\$1.66 April 30 1959

Shrub about 1 m. tall  
on basaltic ridge, and  
taken near the Walker  
River, about 2 miles above  
Hager, Walker Co., Oregon.  
Twp 10 S., R. 41 E.

Fls. about 2500'. Some  
are apparently wholly  
prostrate, some both  
erect and prostrate.  
Fruits not quite ripe.

*Grayia spinosa* (Hook.) Moench.

*Grayia* (48)  
*Lupinus latifolius* (35)

167 - April 20, 1919  
Plants along the mountain  
river about 8 miles above  
Hesper, Madison Co. Wyo.  
Twp. 20 S, R. 12 E.

Stems about 2500 feet.  
Stems broadly campanulate,  
the lower ones with  
white center, or  
occasionally wholly white.

*Memphila kirtleyi* Henderson

*Memphila kirtleyi* ✓

8168 May 2, 1959

Wet-land vegetation  
along surface covered  
with water. The plants  
are mostly submerged  
except for the 3' stems  
southwest of water.  
Mud flat, Arizona. Trip.  
20S, R. 41E, S24. Elev. about 2500  
Flowers white, sepals  
pinkish in bud. Leaves  
dusky the larger ones  
sometimes with a line  
of white at the base.

*Chaenactis cusickii* Gray

*Chaenactis cusickii* (35)  
*Supina latifolia* (35)

8/11/1972

at 1000 ft. in the hills

Perennial with several  
radical - perennating  
rhizomes.  $2N=14$ .

*Allium lemmoni* S. Wats.  
diagn. det. Marion Cramley

*Allium* (33)

8170. ~~May 2, 1954~~

May 2, 1954. In 4000 ft.  
mountainous region, south-  
west of Harper.

Wichita Co., Oklahoma. Twp.  
20S., R. 41E., S. 24. Elevation

2500. Plants scarce,  
apparently winter annual  
or perhaps biennial?

Stems short and  
erect, pubescent, the  
upper ones axillary. Leaves  
linear-lanceolate, pubescent.

*Caulanthus pilosus* Wats.

Flowering plant, May 2, 1954.  
Dense fruits, June 7, 1954. ✓

*Lupinus latifolius* (35)

6171 - May 2, 1959.  
L. ... ..  
Flowers ... ..

*Phacelia lutea* (H. & A.) J. T.  
Howell  
var. *lutea*

*Phacelia lutea* (H. & A.) J. T.  
Howell



317 May 3, 1959 - South  
slopes of Mount Hood.  
The soil covered with  
fine gray chips of  
~~diatomite~~ volcanic tuff; sagebrush  
country 3 miles south  
of Harper, Clatsop Co.,  
Oregon. Twp. 20S, R. 41E, about S. 24  
W., about 2500'.  
Flowers bright yellow.  
Pods perulate, as a  
spreading pedicels.

*Cleome platycarpa* Torr.

(33)

*Lupinus latifolius* (35)

B172 May 3, 1957

Same place as B171.

Stems ascending or  
erect. Rays light  
brown. Involucres much  
denser than is typical  
for the species.

*Townsendia florifer* (Hook.) Gray

*Townsendia florifer* (3)

8174 - May 3 1959. Sage

brush slopes in mts.

about 1/2 mi. S. of 3

mi. S. of Little

Harper, Colorado.

Top 20 S., R 41 E., S. 24.

Elev. about 2500 feet.

*Astragalus purshii* Dougl.  
var. *glareosus* (Dougl.)

Barneby

det. R. C. Barneby.

*Lupinus latifolius* (35)

8175. May 3, 1959

Barren gentle slope in  
dry creek country

3 miles south of Harper,

Lincoln Co., Oregon, Twp.

20S, R. 42E, S. 19 Elev. 2500

Soil derived from volcanic  
tuff. Plants rosette-

forming; flowers white.  
Solitary plants 1 fl.

*Physopterus plurijugus*  
Coulter & Rose.

✓

*Physopterus*

(D) ✓

8176 - ~~May 3, 1959~~

Same place as 8172.  
Flowers light yellow.  
Herbaceous strongly  
glaucous. Biennial

*Stanleya confertiflora*  
(Robins.) Howell

(5) with flowering plants,  
May 3, 1959

(5) with fruits and new  
plants, June 7, 1959

*Lupinus isidiflorus* (35)

8177 - May 3, 1961  
Same place as 8172.

Flowers pink-purple.  
Only a few plants seen.  
Areny glabrous.

*Penstemon miser* Gray.

*Penstemon*

D



8178 - May 3, 1957

Shrub 1-1.5 m. tall  
in sagebrush country  
3 miles southwest of  
Harper, Madison Co.  
Twp. 20S, R. 41E, S. 21N  
alt. about 2,500 feet.  
Soil derived from diatomite,  
~~volcanic tuff~~. Flowers  
light yellow.

*Purshia tridentata* (Pursh)  
DC.

*Purshia*

(5)

*Lupinus latifolius* (35)

6179. May 6 1959

Rather sandy west  
slopes in sagebrush  
country 11 miles south-  
west of Vale, along the  
road to Jasper, Garfield  
Co., Oregon. Twp. 19S, R. 43E,  
S. 23. Elev. about 2500.

Plants with short tap-  
root, the stems usually  
several and compact caudex,  
but sometimes solitary.  
Herbage glaucous. Flowers blue.

*Penstemon acuminatus*  
Dougl.

✓ *Penstemon acuminatus* (35)



3. 50. 7. 27 4, 1959

Same place as 5179.

F. flowers blue-lavender.  
Plants sparse.

*Gilia sinuata* Dougl.,  
sens. lat.

*Gilia sinuata*

①

*Lupinus latifolius* (35)

B. 51 May 6 1903  
Richter Canyon and  
around it in  
sagebrush country 11  
miles southwest of  
Vale, along the road to  
Harper, Malheur Co, Oregon.  
Twp. 19 S. R. 43 E., S. 23.  
Elev. about 2500'.  
Flowers yellow. ↑  
Abundant.

*Mentzelia albicaulis* Dougl.

Submature seeds roughen-  
ed-reticulate.

*Mentzelia albicaulis* (25)

5. 2 May 1919  
Barren, sandy desert slope  
in sagebrush country.  
Flowers  
rich red-purple, more  
deeply so in the throat,  
the lower lip marked  
with yellow.

*Mimulus nanus* H. & A.

*Mimulus nanus*  
*Leptocarpus latifolius* (35)

8183 - May 4, 1949

Same place as 8182.

Flowers pink, purple,  
the banner with a  
paler central spot.

Pods notably spread-  
ing - villous rather  
than tomentose.

*Astragalus nudisiliquus*  
A. Nels.

det. R. C. Barneby

*Astragalus*

(12)

8/31 Aug 1954

Plant in dry sagebrush  
slopes 11 miles southwest  
of Vale, along the road to  
Harper, Harney Co., Oregon.  
Twp. 19S, R. 43E., S 23. 2500  
Stems clustered on a  
taproot and branching  
caulices. Flowers numerous,  
very light blue, nearly  
white.

*Hackelia patens* (Nutt.) Johnston.  
var. *semiglabra* Cronq.

(1 Holotype; 7 Isotype)

*Hackelia patens* (8)  
*Lupinus latifolius* (35)

811. *Allium*

Abundant and vigorous  
on rocky clay slopes,  
with sagebrush but  
especially in the more  
barren places, 11 miles  
northwest of Lincoln Co.  
Twp. 19S., R. 34E., S. 29.

Twp. 19S., R. 34E., S. 29.

Elev. about 4000'.

Pedicels pale lavender  
to practically white,  
the anthers more dis-  
tinctly lavender or  
pink-lavender.  $2N=14$ .

*Allium tolmei* Baker & Wats.  
Dupl. det. Marion O'Connell

*Allium tolmei* (15)

176. May 5, 1957.

With sagebrush on  
rocky dry slopes  
11 miles northwest  
of Orem, Utah, Harney Co.,  
Oregon. Twp. 19S, R. 34E.  
S. 24. Elevation 4000'.  
Leaves scale to orange  
or pale brick red, rarely  
becoming brownish  
pink.

*Castilleja chromosa* A. Nels.  
dupl. det. Marion Cronley

*Castilleja* (32) ✓

*Lupinus latifolius* (35)

5187. May 5, 1957  
Flowers pink-purple.  
Plants scarce.

*Astragalus purshii* Dougl.  
var. *glaberrimus* (Dougl.) Barneby

Det. R. C. Barneby

*Astragalus* (1) ✓



8188- May 5, 1959. In good  
soil with sagebrush just  
west of 1<sup>st</sup> creek, 40  
miles northeast of Burns,  
Harney Co., Oregon, Elev.  
2100-4000'. Twp. 20 S.,  
near border of R. 33 $\frac{1}{2}$  and 34  
E. Stems clustered in  
a taproot and caudex.  
Leaves below the  
ground with a central  
light spot.

*Lupinus saxosus* Howell

*Lupinus* (35)

*Lupinus latifolius* (35)

3189 May 7. 1933  
Rather sandy soil in  
sagebrush desert 40  
miles west of Burns,  
Harney Co., Oregon.  
Twp. 23 S., R. 25 E., S. 29  
Elev. 4400'. Perianth  
white; anthers yellow.

*Lloydia serotina* Reichb.

*Lloydia*

(5)

8190 - May 1

Small shrub in sage-  
brush desert 4 miles  
west of Burns, Harney Co., Oregon  
Twp. 23 S., R. 25 E., S. 29  
Elev. 4400'. Plants loosely  
tufted, irregularly  
spreading by slender  
creeping roots. Flowers  
white.

*Polyctenium fremontii*  
(Wats.) Greene

*Polyctenium* (8)

*Leptocarpus latifolius* (35)

8191 - May 7, 1959  
along road and on hill  
on north slope in  
 sagebrush desert  
40 miles west of Burns,  
Harney Co., Oregon.  
Twp. 23 S., R. 25 E., S. 32  
Elev. 4500'. Flowers  
lavender to nearly white

*Phlox hoodii* Rich.

*Phlox hoodii* (5) ✓

8192 - May 7, 1957

Sagebrush desert 48 miles  
west of Burns, Harney Co  
Oregon. Twp. 23S, R. 21E,  
S. 19. Elev. 4500'.

Plants taprooted and  
perennials also spreading  
by creeping roots.

Flowers whitish or  
pale pinkish

*Trifolium gymnocarpon*  
Muhl.

var. *plummerae* (Wats.)  
Martin

clover. (21)

*Lupinus latifolius* (35)

8193- May 7, 1959  
Same place as 8192.  
Flowers white.

*Lomatium nevadense* (Wats.)  
Coulter + Rose

✓  
*Lomatium nevadense* ③

8194 - May 7, 1947

With *Artemisia arbuscula*  
in sage brush desert 48  
miles west of Burns,  
Harney Co., Oregon.

Twp. 23 S., R. 24 E. S. 19

Elev. 4500'. Flowers  
bright purple. The  
leaves are much smaller  
than last year's pods  
smaller, only about 1  
in. long, with sharply  
upturned tips.

*Astragalus purshii* Dougl.  
var. *lagopus* (Rydb.) Barnhart  
det R. C. Barnhart

*Astragalus* (3)

*Lupinus latifolius* (35)

1955 - May 7, 1955

Rough heavy clay soil,  
with *Artemisia arbuscula*,  
near Camp Creek, at the  
base of the Henry  
Mts., 13 miles northeast  
of Prosser, Crook Co., Oregon.

Flowers dull whitish or  
obscurely pinkish, the  
lobes tipped with dark  
purple. Sub-mature pods  
condute in cross-section,  
densely ciliate on the  
abaxial surface.

*Astragalus obscurus* Wats.

det. R. C. Barneby

*Astragalus*

(8)



196 - Same place as 8195  
Flowers yellow. Leaves  
semi-glaucous.

*Lomatium donnellii* Coulter.  
+ Rose

*Lomatium* (4) ✓  
*Lupinus latifolius* (35)

May 7, 1950

Leaves red clay soil  
with juniper and  
sagebrush and in all  
near Camp Creek, at the  
south base of the Maury  
Mountains, 23 miles  
northeast of Brothers,  
Crook Co., Oregon.

Leaves bright green, not  
glaucous. Flowers yellow.

*Lomatium vaginatum*  
Coulst. & Rose

*Lomatium*

(3) ✓

May 7, 1959

Wick rabbitbrush in  
heavy red clay soil on  
slope near Camp Creek,  
at the south base of the  
Timberline, 2-3 miles  
northeast of Brothers,  
Crook Co., Oregon.

Roots thickly fibrous,  
not fleshy. Flowers blue.

*Delphinium nuttallianum*  
Pritz., sens. lat.

(6)

*Lupinus latifolius* (35)

8199 - May 8, 1959

Wich sagebrush in gran. dy  
soil at edge of ponderosa  
pine woods. atop the  
Hawkey mts., 30 miles  
northeast of Brothers,  
Jackson Co., Oregon.

Leaves somewhat glaucous.  
Pet. mature & lower white.  
Fruiting peduncles weak,  
prostrate or nearly so

*Lomatium gormanii* (Howell)  
Coulter & Rose

*Lomatium*

(20)

8200 May 7 1957. Open

on slopes, with  
Juniper and Artemisia  
arbuscula, 16 miles north  
east of Brothers, Inyo Co.,  
California

*Haplopappus lanuginosus* Gray  
var. *lanuginosus*

*Haplopappus lanuginosus*

*Lupinus latifolius* (35)

5001 May 8, 1950

At the bottom of a dry  
wash in sagebrush-juniper  
country, 16 miles  
northwest of Brothers,  
Inch Co., Oregon.

=

*Claytonia linearis* Dougl.

May 18

8202 - May 8, 1957.

In sagebrush - juniper  
country along Bear  
Creek, 16 road miles  
north of Brothers,  
Lacrosse Co. Oregon.

Flowers deep pink. Calyxes  
opening to a saucer-like  
shape.

*Phlox hoodii* Rich.

1 flower ①  
*Supina latifolia* (35)

8203- May 10, 1949  
Dry soil in park. etc.  
Dry meadow in pine woods  
at the edge of the mountains  
13 miles west of the town  
of Silver Lake, Lake Co.,  
Oregon. Twp. 28S.,  
R. 12E., S. 28. Elev.  
5000'. Flowers white.

*Lloydia serotina* Reichb.

*Lloydia* (5)



5234 May 10, 1959

Same place as 8203.  
Corolla white, calyx  
white to purplish.

*Spraguea umbellata* Torr.

*Spraguea* 35

*Lupinus latifolius* (35)

8205 - May 10 1959  
Same place as 8203.  
Flowers white.

*Claytonia linearis* Dougl.

*Claytonia* 6 ✓

8206 - May 10, 1957

near old Bear Flat,  
in ponderosa  
pine forest 18 miles west  
of the town of Silver

Lake, Grant Co., Oregon.  
Twp. 28 S., R. 11 E., S. 26.  
Elev. about 5000'

corolla yellow

Petals 5-8.

*Ranunculus alismaefolius*  
Geyer  
var. *hartwegii* (Greene) Jeps.

*Ranunculus*

(11)

*Lupinus latifolius* (35)

8207 May 11

Dry soil 15 miles  
east of Lamath Falls,  
Lamath Co., Oregon  
Elev. 4200'.

Plants erect to nearly  
prostrate, tufted on  
a taproot and appar-  
ently also irregularly  
spreading by creeping  
roots or stems; flowers  
white.

*Polyctenium fremontii*  
(Wats.) Greene

*Polyctenium*

(9)

8208 - May 11 - 19. Rocky  
soil in open mixed forest.

Supine, C. ... and  
a dense pine forest hills  
about 1 mile <sup>northwest</sup> of Lamath  
Tall, Lamath Co., Oregon.  
Flowers have under to  
nearly white.

Elev. about 4500'.

Style 4.5-6 mm long.

*Phlox diffusa* Benth.  
var. *longistylis* (Wherry)  
Pech

*Phlox diffusa* (21)

*Supina latifolia* (35)

1909. May 11, 1909  
In partial shade in  
ravine in mixed  
juniper - Cercocarpus -  
ponderosa pine scrub;  
27 miles <sup>near Elk Pass,</sup> northeast of  
Klamath Falls, Klamath  
Co., Oregon.

Elev. about 4500'.  
Flamers yellow.

*Viola nuttallii* Pursh  
var. *major* Hook.

yellow violet (3)

8210 - May 11 1959 Same  
place as 8209.

*Athyrium pusillum*. (Hook.)  
Greene

annual meadow

*Lupinus latifolius* (35)

5211 - May 11, 1959

Same place as 8 & 9.

F. flowers blue and white.

*Collinsia parviflora* Lindl.

(17) *Collinsia parviflora*



8212 May 19

Same place as 8209.

Flowers pink-lavender.

*Microsteris gracilis* (Hook.)

Greene

var. *humilior* (Hook.) Cronq.

*Microsteris gracilis* (3)

*Lupinus latifolius* (35)

8213 - May 11, 1959  
Camplacra 8209.  
Flowers white.

*Claytonia perfoliata* Donn,  
sens. lat.

*Claytonia* - *lanceolata* ✓ (3)

8214 - May 11, 1959  
Same place as 8209.  
Flowers white.

*Polemonium microanthum*  
Benth.

(20)

*Polemonium microanthum*

*Lupinus latifolius* (35)

8215 - May 11

Much branched, thorny  
shrub 1-3 m. tall  
in juniper - Cercocarpus-  
prunoides pine scrub  
27 miles northeast of  
Klamath Falls, near  
Bly pass, Klamath Co., Oregon.  
Elev. about 4500'.  
Flowers white.

*Prunus subcordata* Benth.

*Prunus*

⑦

5216. May 11 19

In fairly moist, shaded  
sites along an inter-  
mittent (now dry)

streamlet in mixed  
juniper - Cercocarpus -

panderosa pine scrub

27 miles northeast of

Klamath Falls, near

Dick Pass, Klamath Co.,

Oregon. Elev. about 4500.

Flame red fruit

*Claytonia linearis* Dougl.

*Claytonia* name (8)

13

*Lupinus latifolius* (35)

9217 - May 12, 1959

Rocky soil with

*Artemisia tridentata* and

*Erigeron annuus*, just  
north of the Rogue

River, 4 miles east of Bly,  
Klamath Co., Oregon.

Trimp. 37 S. R. 15 E.

Elev. about 4500'. Heads

yellow. Most plants ap-  
parently rayless, but one  
plant had evident, short,  
narrow, dull white (!) rays.

*Erigeron chrysopsidis* Gray  
ssp. *austinae* (Greene) Cronq.

*Erigeron austinae* ✓

(5)

8218. May 12, 1959

Same place as 8217.

Bracts pale yellowish green

*Castilleja longispica* A. Nels.  
dupl. det. Marion Cranley

*Castilleja*

*Supina latifolia* (35)

8219. May 12, 1959

Same place as 8217.

Stems solitary, or  
less often 2-several.  
Flowers lavender.

*Arabis lignifera* A. Nels.

*Arabis* - *hutchinsii* type (17)



8220 - May 12, 1959  
Same place as 8217

*Arabis sparsiflora* Nutt.  
(Note short pedicels)

*Arabis - arenaria*, pods (2)

*Lupinus latifolius* (35)

8221 - May 12, 1959

Rocky slope in semi shade  
along the Sprague River  
4 miles east of Bly,  
Klamath Co., Oregon.

Trwp. 37 S., R. 15 E.

Elev. about 4500'. Plants  
low, mostly about 2  
dm. tall. Flowers  
yellow.

*Barberris repens* Lindl.

*Barberris repens*? (5) ✓

8222. May 12, 1957

Dry soil in the Sprague  
River Canyon 4 miles  
east of Bly, Grant  
Co., Oregon. Twp. 37S, R. 15E.  
Elev. about 4000' Flowers  
yellow.

*Alyssum alyssoides* L.

*Alyssum*

(8)

*Lupinus latifolius*

(35)

8223 May 12.

about 1.5 to 2.5 m.

Call in good soil along  
the Sprague River 4  
miles east of Bly,  
Klamath Co., Oregon.

Elev. about 4500'.

Flowers yellow.

*Ribes aureum* Pursh



*Physalis peruviana* L.

May 13, 1902

During descent on  
road to north canyon  
about 11 miles southeast  
of Big Lake Co., I saw  
Twp. 31 S. R. 10 E.,  
S. 5 T. 5 N., about 5000'  
Abies forest  
The same species also  
abundant 1.5 miles farther

southwest in open mixed  
Pinus ponderosa - Abies  
in thick woods at Quartz  
M. Pass, 5500', where  
first beginning to flower.

*Ceanothus prostratus* Benth.

103 (6)  
*Lupinus latifolius* (35)

25 May 13  
Wet meadow in the Warner  
Mts., 11 road miles north  
of Lakeview, Lake Co., Oregon,  
Twp. 38S, R. 21E., S. 32.  
Elev. about 5500'

*Ranunculus alismaefolius*  
Geyer  
var. *hartwegii* (Greene) Jeps.

11.6

12.2

13.7

*Ranunculus. luteus* Greene

5226 - May 13, 1932

Very heavy, scattered,  
along the edge of the  
Rogers Creek (1/2 mile) in  
the Warner Mts. 1/2 mile  
west of the top of  
the mountain, Lake Co. Oregon.  
Twp. 32 S., R. 12 E., S. 32,  
Elev. about 5500 feet.

*Ranunculus occidentalis* Nutt.  
var. *dissectus* Henderson

34) *Ranunculus* - 1/2 mile  
Supines 10-15/6 in. (35)

8227. May 13, 1951

Leaves, only, 228.

Leaves glaucous, below  
the pairs greenish, the inner  
reddish.

*Paeonia brownii*  
✓ Dougl.

*Paeonia brownii* ①



227 - May 13, 1971

With Artemisia came  
out also of course in  
the Museum, many  
miles north of  
the town.

Temp. 32.8, 1.0, 32.2.

Stems  
clustered in a large mass  
the stem cordi-  
form, with a large  
leaf.

Corolla blue, gills brown within

*Phlox angulata* (Pursh.)

G. Horn

*Mercuria*

⑦

Supines La di/6 (35)

8229 - May 13, 1957.

Edge of meadow in  
the Warner Mts., 11 road  
about 1/2 mile west of  
Lakeview, Lake Co., Oregon.  
Twp. 38 S., R. 21 E., S. 32.  
Elev. about 5500.

Flowers white to  
light pink-lavender.

*Hesperochiron californicum*  
~~(Benth.) Wats.~~  
(Benth.) Wats.

*Hesperochiron calif.*

May 13.

Same form as 228.  
Flowers light blue can-  
cider.

*Hydrophyllum capitatum* Dougl.  
var. *alpinum* Wats.

*Hydrophyllum c.* (35)

Supines lat/long (35)

8231. - May 13, 1959.

Same place as 8228.

Plants rather loosely  
20-30 cm; leaves

Somewhat pungent;  
flowers white to  
pale lavender, styles  
4.5-5.5 mm. long.

*Phlox diffusa* Benth.  
var. *longistylis* (Wherry)  
Peck

*Phlox*

8232. May 13, '89.

Same place as 8228.

Herbs yellow. Rays

8-20, mostly than 12.

*Balsamorhiza serrata* Nels.

± Macbr.

~~8232~~ *Balsamorhiza serrata* 35

*Lupinus latifolius* (35)

May 24 1958

Wich sagebrush on basaltic  
west slope 10 miles north  
of Del Norte Co. Oregon.  
Twp 36 S., R. 24 E., S. 3.

Elev. 4500'. Bracts  
pale yellowish-salmon  
to bright red.

*Castilleja chromosa* A. Nels.  
Dupl. det. Marion Cunningham

*Castilleja chromosa* (5)

8234 - May 10 1959 With

Sage brush on basaltic

East slope 3 miles south

of Plush, Lake Co., Oregon,

Twp 37 S, R. 24 E., S. 8.

Elev. 4500' Flowers

glaucous. F. laverswhite,  
the keel purple. tipped

*Astragalus lentiginosus*

Dough

var. *platyphyllidius* (Rydb.)

Pch

*Astragalus* (3)

*Lupinus latifolius* (35)

5235. May 14, 1959  
Drowned basaltic rocks  
on east-facing sagebrush  
slope 2 miles south of  
Ketchikan, Lake Co. Oregon,  
Twp. 37S, R. 24E, S. 8.  
Elev. 4500'.

*Woodsia oregana* Eat.

Woodsia

(8)



8236. May 11, 1957

R. 11. 1. *Thrygnus* and  
*Chondestes*. It is a rather  
barren, sandy, gravelly  
with a slope between  
Kraig's Lake and the  
north end of Alkali  
Lake, 20 miles south-  
west of Wagon-  
fire, Lake Co., Oregon.  
Twp. 30 S., R. 23 E., S. 3.  
Elev. about 4500'.

*Physopterus*

*Rhysopterus plurijugus*  
Coult. & Rose

*Rhysopterus* 122

Supines Ld. 1/6 m. (35)

8237 - May 14, 1959.  
Same place as 8236.  
17. canth. perianth.  
 $2N = 14$ .

*Allium parvum* Kell.  
Dupl. det. Marion Cranley



allium 9) ✓

8238 - May 16, 1899

Sagebrush slopes about  
Fish Lake; west side of  
Steens Mts., 16 miles east  
of French Glen, Harney Co.  
Oregon. Twp  $32\frac{1}{2}$  S., R. 33 E.,  
S. 29. Elev. 7000'.  
Petals 5, yellow.

*Ranunculus glaberrimus*  
Hook.  
var. *ellipticus* Greene

*Ranunculus glaberrimus* (L.)  
var. *ellipticus* Greene  
*Lupinus latifolius* (L.) (35)

8239 May 16, 1959  
Sagebrush slopes along  
the west flank of the  
Stansbury Mts. 14 miles  
east of French Glen,  
Harney Co., Oregon.  
Twp. 32 S., R. 32 $\frac{3}{4}$  E., about  
S. 33. Stems in small  
clusters or occasionally  
solitary. Leaves glaucous.  
Flowers blue

*Mertensia oblongifolia* (Nutt.)  
G. Don

64.9

*Mertensia oblongifolia* (6)

8240 - May 16, 1957.

With *Artocarpus* or *hirsuta*  
on west / back of the Steens  
Mts., 7 miles S.W. of  
French Glen, Harney Co.,  
Oregon. Twp. 32S, R32E.

*Balsamorhiza serrata* Nels. &  
Macbr.

*B. serrata* (4)  
*Lupinus latifolius* (35)

8241 - May 16, 1959  
Same place as 8240  
Bracts pale yellow green

*Castilleja longispica* A. Nels.  
Dupl. det. Marion O'Conkey

*Castilleja* (6) ✓

8242 Mar. 16, 1959

Same ground along Home Creek,  
in sagebrush country at the  
west base of the Steens Mts.,  
23 miles south of French  
Creek, Harney Co., Oregon.  
Twp. 35 S., R. 32 E., S. 10.  
Elev. about 4500'.  
Flowers yellow.

*Oenothera tanacetifolia*  
T. + G.

so, *Oenothera*. (11)

*Lupinus latifolius* (35)

8243- May 16, 1959  
Same place as 8242.  
Flowers white.

*Veronica peregrina* L.  
var. *xalapensis* (HBK) St. John  
+ Warren

*Veronica peregrina*

(6)



8244. May 16. 1947  
Same place as 8242  
Petals yellow, small,  
about equalling the  
sepals, candidous.

*Potentilla biennis* Greene

*Potentilla* (5)

*Supina latifolia* (35)

8245 - May 16, 1959

Same place as 8242  
Plants strongly spread-  
ing below ground, the  
stems also more or less  
clustered. Herbage  
glaucous. Flowers yellow.

*Thermopsis montana* Nutt.  
var. *ovata* (Robins.) St. John

11.6m

*Thermopsis*

(35)

8246 - May 17, 1959

With sagebrush along  
the west base of the  
Sierras 11.25, 30 miles  
south of French Gulch,  
Harney Co., Oregon.  
Twp. 35 $\frac{1}{2}$  S., R. 32 $\frac{1}{2}$  E., S. 2  
Elev. about 4500'  
Rays lavender; disk yellow.

*Erigeron pumilus* Nutt.  
ssp. *intermedius* Cronq.  
var. *gracilior* Cronq.

*Erigeron pumilus* (2)  
*Lupinus latifolius* (35)

8247. May 17, 1959  
Razhen barren, gravelly  
soil with scattered  
sagebrush and on roadside  
banks. just northwest of the  
summit of Long Hollow,  
7 miles northwest of  
Frisco, Harney Co., Oregon.  
Elev. about 5500. Twp. 37 S.  
R. 32  $\frac{3}{4}$  E., S. 20. Flowers  
white.

*Dimeresia howellii* Gray

*Dimeresia*

(35)

8248 May 17, 1907

with sagebrush in  
sandy soil; hills 2 miles  
northwest of Teah.

Altitude 3750 Twp. 37S,  
R. 35E S. 35. Elev.  
about 4400'

*Perideridia bolanderi*  
(Gray) Nels. & Macbr.

*Perideridia* (5)  
- name -

*Lupinus latifolius* (35)

8249 May 17, 1959

Same place as 8248.

Plants prostrate.  
Corolla with yellow  
tube and lavender  
purple limb.

*Phacelia gymnoclada* Torr.

1709

*Phacelia*

(3)

8250 - May 19, 1959

With sagebrush on  
basaltic rocky slopes  
near Alward Creek, at  
the east base of the  
Steens Mts., 100 miles  
southeast of Burns  
Harney Co., Oregon.

Temp. 34 S., R. 34 E.

Shrub, 1-5 m. stems

woody, bark smooth

and branched, rarely

branched, bark orange

inner bark white

*Chamaecrista* (Hornem.) Greene

white or tinged with pink  
(det. by R. G. & J. M. S.)

*Lupinus latifolius* Dougl.

var. *calcaratus* (Kell.) J. P. Smith

det. *Lupinus calc.* (S.)

*Lupinus latifolius* (35)

8352 - May 1, 1952  
In rivulet on alluvial  
fan near Alford Creek,  
in sagebrush country  
at the east base of the  
Sierra Nevada, 100 miles  
northwest of Reno,  
Winnery Co., Nevada  
Twp. 45, R. 345, S. 4.

Elev. about 4500'

Fronds broadly elliptic,  
<sup>up to</sup> 3 mm. long, 2 mm. wide,  
apparently nameless.

*Lemna minima* Phil.

*Lemna*

15



8251 - *Phlox pilularis*

Same place as 8250. Stems  
numerous on taproot and  
branches caudex. Flowers  
light to dark blue. The  
corolla with a large white  
spot. Calyx barely so  
conspicuously spurred.  
With # 6250, *P. latiflora*  
var. *calcaratus*

but to be distinguished  
it and *latiflora* by the sides  
of the leaves than closely  
intermingled. A few plants at  
points of contact have leaves of  
intermediate sizes.

*Lupinus canadensis* Kell.

*Lupinus latifolius* (35)

7222 on  
5000 ft. alt. 1959

On loose talus slopes  
occ. along south tributary  
of Silver Creek in the

head of the Silver Mts., 100  
miles southeast of Butte,  
Haverty Co., Arizona.

Twp. 33 S., R. 34 E., S. 33

about 4500 ft.

Talus plant forming mats up  
to 5 in. wide, with

very short roots. The small  
plant grows in definite

taproot. Flowers white.  
*Arenaria nuttallii* Pax, passing  
to var. *fragilis* (Magne + Holmgren)

C. L. Hitchc., some plants with  
longer, sharper, more veiny sepals  
than others

8254 May 19 1911

Ridge top overlooking  
South Lake to Alond  
in the hills at  
base of mountains  
Mts., 100 miles south  
of ...  
... 135 ...

33 Elev. about 5000

Ray 7-15, length purple

*Aster scopulorum* Gray

*Aster scopulorum*

8255- May 20, 1959  
Sagebrush slopes along  
south Tributary to  
Alvord Creek, above the  
falls; East front of the Steens  
Mts., 100 miles southeast  
of Burns, Harney Co., Oregon.  
Twp. 33 S., R. 34 E., S. 32.

Elev. about 7000.

Flowers yellow, the upper  
petals coppery red outside.

*Viola purpurea* Kell.  
var. *venosa* (Wats.) Brainerd

854 ✓  
*Viola purpurea* (15) ✓

9.6 - Rhys.  
 10. - road to Silver Lake  
 14. - Harney Co.  
 18.7 Wagonwheel

46.5

75.1

78.5

+2 28.6

14.3

60.8

71.1

14.3

3.4

17.7

68675.9 at Almond Camp

8250 - Can't. With #8251, L.  
 caudatus, but tending to replace  
 it on different hillsides, rather than  
 closely intermingled. A few plants at  
 points of contact have flowers of  
 intermediate colors.

822.3

not for sale

7 November

3 miles ne. of Richwood

8256 - Polystichum (8)

8257 - Allium

8258 - Arabis microphylla (15)

8259 - larger Arabis

8260 - Castilleja (4) viscidiflora

8261 - Sedum (2)

8262 - Willow 3 m. (8) - lvs serrate

8263 - Willow 3 m. (4) - lvs entire

8264 - Willow - 4 m. (4)

8265 - Erigeron (1)

8266 - Erigeron (1)

8267 - May 22. Poplar Almond (1) (20)

8268 - Scirpus - dub. (7)

8269 -

